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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/896,096

DATE: 07/20/2001
 TIME: 12:20:36

Input Set : N:\Crf3\RULE60\09896096.txt
 Output Set: N:\CRF3\07202001\I896096.raw

3 <110> APPLICANT: ASHKENAZI, AVI J.
 4 BOTSTEIN, DAVID
 5 DODGE, KELLY H.
 6 GURNEY, AUSTIN L.
 7 KIM, KYUNG JIN
 8 LAWRENCE, DAVID A.
 9 PITTI, ROBERT
 10 ROY, MARGARET A
 11 TUMAS, DANIEL B
 12 WOOD, WILLIAM I.
 14 <120> TITLE OF INVENTION: DcR3 Polypeptide, A TNFR Homolog
 16 <130> FILE REFERENCE: P1134R2 REVISED
 18 <140> CURRENT APPLICATION NUMBER: 09/896,096
 19 <141> CURRENT FILING DATE: 2001-06-28
 21 <150> PRIOR APPLICATION NUMBER: US 09/157,289
 22 <151> PRIOR FILING DATE: 1998-09-18
 24 <150> PRIOR APPLICATION NUMBER: US 60/059,288
 25 <151> PRIOR FILING DATE: 1997-09-18
 27 <150> PRIOR APPLICATION NUMBER: US 60/094,640
 28 <151> PRIOR FILING DATE: 1998-07-30
 30 <160> NUMBER OF SEQ ID NOS: 18
 32 <210> SEQ ID NO: 1
 33 <211> LENGTH: 300
 34 <212> TYPE: PRT
 35 <213> ORGANISM: Homo sapiens
 37 <400> SEQUENCE: 1
 38 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val
 39 1 5 10 15
 41 Leu Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val
 42 20 25 30
 44 Ala Glu Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu
 45 35 40 45
 47 Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg
 48 50 55 60
 50 Pro Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro
 51 65 70 75
 53 Arg His Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr
 54 80 85 90
 56 Cys Asn Val Leu Cys Gly Glu Arg Glu Glu Ala Arg Ala Cys
 57 95 100 105
 59 His Ala Thr His Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe
 60 110 115 120
 62 Ala His Ala Gly Phe Cys Leu Glu His Ala Ser Cys Pro Pro Gly
 63 125 130 135
 65 Ala Gly Val Ile Ala Pro Gly Thr Pro Ser Gln Asn Thr Gln Cys
 66 140 145 150
 68 Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala Ser Ser Ser Ser Ser

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69	155	160	165
71	Glu Gln Cys Gln Pro His Arg Asn Cys	Thr Ala Leu Gly Leu Ala	
72	170	175	180
74	Leu Asn Val Pro Gly Ser Ser Ser His	Asp Thr Leu Cys Thr Ser	
75	185	190	195
77	Cys Thr Gly Phe Pro Leu Ser Thr Arg	Val Pro Gly Ala Glu Glu	
78	200	205	210
80	Cys Glu Arg Ala Val Ile Asp Phe Val	Ala Phe Gln Asp Ile Ser	
81	215	220	225
83	Ile Lys Arg Leu Gln Arg Leu Leu Gln	Ala Leu Glu Ala Pro Glu	
84	230	235	240
86	Gly Trp Gly Pro Thr Pro Arg Ala Gly	Arg Ala Ala Leu Gln Leu	
87	245	250	255
89	Lys Leu Arg Arg Arg Leu Thr Glu Leu	Leu Gly Ala Gln Asp Gly	
90	260	265	270
92	Ala Leu Leu Val Arg Leu Leu Gln Ala	Leu Arg Val Ala Arg Met	
93	275	280	285
95	Pro Gly Leu Glu Arg Ser Val Arg Glu	Arg Phe Leu Pro Val His	
96	290	295	300

98 <210> SEQ ID NO: 2

99 <211> LENGTH: 1114

100 <212> TYPE: DNA

101 <213> ORGANISM: Homo sapiens

103 <220> FEATURE:

104 <221> NAME/KEY: Unsure

105 <222> LOCATION: 1090

106 <223> OTHER INFORMATION: Unknown base

108 <400> SEQUENCE: 2

109	tccgcaggcg gaccggggc aaaggaggtg gcatgtcggt caggcacacg	50
111	agggtcctgt gtccgcgtg agccgcgtc tccctgtcc agcaaggacc	100
113	atgagggcgc tggaggggcc aggcctgtcg ctgtgtgcc tggtgttggc	150
115	gtgcctgcc ctgcgtccgg tgccggctgt acgcggagtg gcagaaacac	200
117	ccacacctcc ctggcgggac gcagagacag gggagcggct ggtgtgcgcc	250
119	cagtcccccc cagggcacctt tgtgcagcg ccgtgccc gagacagccc	300
121	cacgacgtgt ggcccggtc caccgcgcca ctacacgcag ttctggaaact	350
123	acctggagcg ctgcgtctac tgcaacgtcc tctgcgggaa gcgtgaggag	400
125	gaggcacggg ctggcacgc caccacaac cgtgcctgcc gctgcccac	450
127	cggcttcctc gcgcacgtg gtttctgtt ggagcacgca tcgtgtccac	500
129	ctggtgccgg cgtgattgcc ccgggcaccc ccagccagaa cacgcagtgc	550
131	cagccgtgcc ccccaaggac cttctcagcc agcagctcca gctcagagca	600
133	gtgccagccc caccgaact gcacggccct gggctggcc ctcaatgtgc	650
135	caggtcttc ctcccatgac accctgtgca ccagctgcac tggcttcccc	700
137	ctcagcacca ggttaccagg agctgaggag tgtgagcgtg ccgtcatcga	750
139	ctttgtggct ttccaggaca tctccatcaa gaggctgcag cggctgctgc	800
141	aggccctcga ggcggccggag ggctgggtc cgacaccaag ggcggggccgc	850
143	gcggccttgc agctaagct gcgtcggcgg ctcacggagc tcctgggggc	900
145	gcaggacggg gcgtcgtgg tgcggctgt gcaggcgctg cgcgtggcca	950
147	ggtatggccgg gctggagcgg agcgtccgtg agcgttccct ccctgtgcac	1000
149	tgatcctggc ccccttttat ttattctaca tccttggcac cccacttgca	1050

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Input Set : N:\Crf3\RULE60\09896096.txt
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```

W--> 151 ctgaaagagg cttttttta aatagaagaa atgaggtnn ttaaaaaaaaa 1100
153 aaaaaaaaaa aaaa 1114
155 <210> SEQ ID NO: 3
156 <211> LENGTH: 491
157 <212> TYPE: DNA
158 <213> ORGANISM: Unknown
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Unknown organism
163 <220> FEATURE:
164 <221> NAME/KEY: unsure
165 <222> LOCATION: 62, 73, 86, 98
166 <223> OTHER INFORMATION: unknown base
168 <400> SEQUENCE: 3
169 gccgagacag ccccacgacg tgtggccgt gtccaccgcg ccactacacg 50
W--> 171 cagttctgga antaacttggaa gcncntgcgc tactgnaacg tcctctgnng 100
173 ggagcgtgag gaggaggcac gggcttgcca cgccacccac aaccgtgcct 150
175 gccgctgccc cacccgcttc ttgcgcacg ctgtttctg cttggagcac 200
177 gcacatcggttc cacctgggtgc cggcgtgatt gccccggca ccccccagcca 250
179 gaacacgcag tgccttagccg tgccccccag gcaccccttc agccagcagc 300
181 tccagctcaag agcagtggca gccccaccgc aactgcacgg ccctggccct 350
183 ggcctcaat gtgcagggct cttcctccca tgacaccctg tgcaccagct 400
185 gcactggctt ccccttcacg accagggtac caggagctga ggagtgtgag 450
187 cgtgccgtca tcgactttgt ggcttccag gacatctcca t 491
189 <210> SEQ ID NO: 4
190 <211> LENGTH: 73
191 <212> TYPE: DNA
192 <213> ORGANISM: Unknown
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Unknown organism
197 <400> SEQUENCE: 4
198 gccgagacag ccccacgacg tgtggccgt gtccaccgcg ccactacacg 50
200 cattctggaa ctacctggag cgc 73
202 <210> SEQ ID NO: 5
203 <211> LENGTH: 271
204 <212> TYPE: DNA
205 <213> ORGANISM: Unknown
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Unknown organism
210 <220> FEATURE:
211 <221> NAME/KEY: unsure
212 <222> LOCATION: 42, 62, 73, 86, 98, 106, 120, 122, 153, 167, 184, 220, 233
213 <223> OTHER INFORMATION: unknown base
215 <400> SEQUENCE: 5
W--> 216 gccgagacag ccccacgacg tgtggccgt gtccaccgcg cnactacacg 50
W--> 218 cagttctgga antaacttggaa gcncntgcgc tactgnaacg tcctctgnng 100
W--> 220 ggagcgtgag gaggaggcac gngcttgcca cgccacccac aaccgtgcct 150
W--> 222 gcngctgcag cacccgnttc ttgcgcacg ctgnttctg cttggagcac 200
W--> 224 gcacatcggttc cacctgggtgn cggcgtgatt gcncccggca ccccccagcca 250
226 gaacacgcacat gcaaaggcgt g 271

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/896,096

DATE: 07/20/2001

TIME: 12:20:36

Input Set : N:\Crf3\RULE60\09896096.txt
Output Set: N:\CRF3\07202001\I896096.raw

228 <210> SEQ ID NO: 6
229 <211> LENGTH: 201
230 <212> TYPE: DNA
231 <213> ORGANISM: Unknown
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Unknown organism
236 <220> FEATURE:
237 <221> NAME/KEY: unsure
238 <222> LOCATION: 182
239 <223> OTHER INFORMATION: unknown base
241 <400> SEQUENCE: 6
242 gcagttctgg aactacctgg agcgctgccg ctactgcaac gtcctctgcg 50
244 gggagcgtga ggaggaggca cgggcttgcc acgccaccca caaccgtgcc 100
246 tgccgcgtgcc gcaccggctt cttcgcgcac gctggttct gcttggagca 150
W--> 248 cgcacatcgat ccacctggtg ccggcgtat tnccccgggc acccccagcc 200
250 a 201
252 <210> SEQ ID NO: 7
253 <211> LENGTH: 277
254 <212> TYPE: DNA
255 <213> ORGANISM: Unknown
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Unknown organism
260 <220> FEATURE:
261 <221> NAME/KEY: unsure
262 <222> LOCATION: 142
263 <223> OTHER INFORMATION: unknown base
265 <400> SEQUENCE: 7
266 gagggggccccc caggagtggt ggccggaggt gtggcagggg tcaggttgct 50
268 ggtcccccagcc ttgcaccctg agctaggaca ccagttcccc tgaccctgtt 100
W--> 270 cttccctctt ggctgcaggc accccccagcc agaacacgcgca gnccagccgt 150
272 gccccccagg caccttctca gccagcagct ccagctcaga gcagtgccag 200
274 ccccacccgca actgcacggc cctgggcctg gccctcaatg tgccaggctc 250
276 ttccctcccat gacaccctgt gcaccag 277
278 <210> SEQ ID NO: 8
279 <211> LENGTH: 199
280 <212> TYPE: DNA
281 <213> ORGANISM: Unknown
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Unknown organism
286 <400> SEQUENCE: 8
287 gcatcgtgtc cacctggtgc cggcgtgatt gccccgggca ccccccagcca 50
289 gaacacgcag gccttagccgt gccccccagg caccttctca gccagcagct 100
291 ccagctcaga gcagtgccag ccccacccgca actgcacggc cctgggcctg 150
293 gccctcaatg tgccaggctc ttccctcccat gacaccctgt gcaccagct 199
295 <210> SEQ ID NO: 9
296 <211> LENGTH: 226
297 <212> TYPE: DNA
298 <213> ORGANISM: Unknown
300 <220> FEATURE:

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/896,096

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TIME: 12:20:36

Input Set : N:\Crf3\RULE60\09896096.txt
Output Set: N:\CRF3\07202001\I896096.raw

301 <223> OTHER INFORMATION: Unknown organism
303 <220> FEATURE:
304 <221> NAME/KEY: unsure
305 <222> LOCATION: 4, 9, 12, 165
306 <223> OTHER INFORMATION: unknown base
308 <400> SEQUENCE: 9
W--> 309 agcngtgcncc nccaggcacc ttctcagcca gcagttccag ctcagagcag 50
311 tgccagcccc accgcaactg cacggccctg ggcttggccc tcaatgtgcc 100
313 aggctttcc tcccatgaca cgctgtgcac cagctgact ggcttcccc 150
W--> 315 tcagcaccag ggtancagga gctgaggagt gtgagcgtgc cgtcatcgac 200
317 ttttgtggctt tccaggacat ctccat 226
319 <210> SEQ ID NO: 10
320 <211> LENGTH: 283
321 <212> TYPE: DNA
322 <213> ORGANISM: Homo sapiens
324 <220> FEATURE:
325 <221> NAME/KEY: Unsure
326 <222> LOCATION: 1-283
327 <223> OTHER INFORMATION: Unknown organism
329 <220> FEATURE:
330 <221> NAME/KEY: unsure
331 <222> LOCATION: 27, 64, 140
332 <223> OTHER INFORMATION: unknown base
334 <400> SEQUENCE: 10
W--> 335 cttgtccacc tggtgcggc gtgattnccc gggcacccccc agccagaaca 50
W--> 337 cgcagtgcac gccntcccc caggcacctt ctcaagccagc agctccagct 100
W--> 339 cagagcagtg ccagccccac cgcaactgca acgcccctgn ctggccctca 150
341 atgtgccagg ctcttctcc catgacaccc tgtgcaccag ctgcactggc 200
343 ttccccctca gcaccagggt accaggagct gaggagtgtg aegctgccgt 250
345 catcgacttt gtggcttcc aggacatctc cat 283
347 <210> SEQ ID NO: 11
348 <211> LENGTH: 21
349 <212> TYPE: DNA
350 <213> ORGANISM: Unknown
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Unknown organism
355 <400> SEQUENCE: 11
356 cacgctgggt tctgttggaa g 21
358 <210> SEQ ID NO: 12
359 <211> LENGTH: 22
360 <212> TYPE: DNA
361 <213> ORGANISM: Unknown
363 <220> FEATURE:
364 <223> OTHER INFORMATION: Unknown organism
366 <400> SEQUENCE: 12
367 agctgggtgca caggggtgtca tg 22
369 <210> SEQ ID NO: 13
370 <211> LENGTH: 53
371 <212> TYPE: DNA

VERIFICATION SUMMARY
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TIME: 12:20:37

Input Set : N:\Crf3\RULE60\09896096.txt
Output Set: N:\CRF3\07202001\I896096.raw

L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10